

**REMARKS**

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow.

**Status of Claims:**

No claims are currently being amended or canceled.

Claims 21-23 are currently being added.

This amendment and reply adds claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claims remain under examination in the application, is presented, with an appropriate defined status identifier.

After adding the claims as set forth above, claims 1-23 are now pending in this application.

**Election of Species:**

Applicant hereby elects Species 4, which uses relative positional relationship between the forward substance and the vehicle as the impulse detecting section, for examination in this application. Claims 1, 2, 3, 7, 8, 9, 19 and 20 are readable on the elected species. Also, new claims 21-23 have been added, whereby those new claims are also readable on the elected species. Claims 1, 19 and 20 are generic to each of the species identified in the Office Action.

**Conclusion:**

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check or credit card payment form being in the wrong amount, unsigned, post-dated,

otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date July 30, 2007

By Phillip J. Artuola *Reg. No.*  
38,819

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5414  
Facsimile: (202) 672-5399

*for* Richard L. Schwaab  
Attorney for Applicant  
Registration No. 25,479